Powerful PC performance tucked behind a slim and stylish HDTV

EXTREME PC PERFORMANCE

The VAIO® LT PC/TV all-in-one is powered by Intel's incredible new hafnium-based processor technology. Faster and more efficient than ever, the next-generation Intel® Core™ 2 Duo T8300 processor (2.40GHz[1]), with 3MB of L2 cache and an amazing 4GB[14] of pre-installed system memory, turns up the speed on multi-tasking while curbing energy consumption.

The VAIO® LT PC/TV all-in-one comes pre-installed with Genuine Microsoft® Windows Vista® Home Premium with Service Pack 1.

Offering a massive boost in wireless connection speed and range, work and play quicker almost anywhere within your office or home using next-generation 802.11n integrated wireless LAN technology[3].

Tackle virtually any graphics requirement with a NVIDIA® GeForce® 8400M GT GPU graphics card with 256MB of dedicated video RAM[10].

STUNNING HD ENTERTAINMENT

Watch all of your favorite Blu-ray Disc™ movies in stunning HD on the 22" [6] widescreen display using XBRITE-HiColor™ technology so you can see deeper blacks, brighter white, true-to-life color and razor-sharp detail from almost any angle.

With integrated Blu-ray Disc™ technology and optical drive[5], you can create or record[16] 25-50GB[2] of home movies, music and digital photos to a single Blu-ray Disc™ media (sold separately).

The built-in NTSC/ATSC™ TV tuner lets you enjoy incredibly crisp, live and recorded analog and digital[19] TV to which you subscribe to, on the 22" [6] widescreen flat-panel display.

Record your favorite HDTV programming[19] and store your cherished family photos on the massive 1TB[18] hard disk drive.

CONTEMPORARY YET FUNCTIONAL DESIGN

Mount your 22"[6] widescreen display on your bedroom, kitchen or office wall[17] and store the fold-up wireless keyboard and mouse underneath for a chic, space-saving computing experience.

Five hi-speed USB 2.0 ports and 1 ultra-fast i.Link interface[9] are conveniently located on the back and sides for easy access and let you attach virtually all of your peripherals without having to buy additional hardware.

The VAIO® LT HD PC/TV is a TV, PC, DVR and Blu-ray Disc™ player [15] recorder[16] – all-in-one. With a Blu-ray Disc™ optical drive[5] for HD video playback[15] and recording and DVR capable of storing 100 hours of HDTV, this super-powerful PC/TV utilizes an Intel® Core™ 2 Duo and 4GB[14] RAM to deliver an astonishing high-definition home entertainment showpiece.

VGC-LT38E

VAIO® LT HD PC/TV All-in-one

Specifications

General

Computer Type: Desktop
Type of Use: All-in-one

Hardware

Keyboard: 99 keys, 19.05 mm pitch, 2.7 stroke
Action Buttons: Action Buttons on Keyboard - Standby, S1, S2, S3, Volume-/+, Muting, Power On/Off.
Action Buttons on PC - Display On/Off, WLAN On/Off, Keyboard/Mouse connection.
Camera: Built-in 1.3 megapixel MOTION EYE® camera and microphone
Mount Design: VESA-100

Processor

Type: Intel® Core™ 2 Duo Processor T8300
Speed: 2.40GHz[1]
Front Side Bus Speed: 800MHz
L2 Cache: 3MB

Memory

Type: DDR2
Installed: 4GB[14] PC2-5300 (2GBx2)
Maximum: 4GB[14]
Speed: 667MHz

Hard Drive

Capacity: 1TB[18] (500GB[2] x2)
Speed: 7200rpm
Interface: Serial ATA

Optical Drive #1

DVD+R DL Write: 2.4x max.
DVD+R Write: 8x max.
DVD+RW Write: 4x max.
DVD-R Write: 8x max.
DVD-RW Write: 4x max.
CD-R Write: 8x max.
CD-RW Write: 8x max.
CD Read: 24x max.
DVD Read: 8x max.
DVD-RAM Write: 5x max.
DVD-R DL Write: 2x max.
BD-R Read: 2x max.
BD-R Write: 2x max.
BD-RE Write: 2x max.
BD-ROM Read: 2x max.
BD-RE Read: 2x max.
BD-R DL Read: 1.6x max.
BD-R DL Write: 1x max.
DVD-RAM Read: 5x max.
Blu-Ray Disc™ Support: Yes[5] (BD-R/-RE/-ROM/DVD±RW/±R DL/RAM Drive)
BD-RE DL Read: 1.6x max.
BD-RE DL Write: 1x max.

Expansion Slots

Multimedia Card Reader: One Memory Stick Duo™ media slot with MagicGate® functionality
One PCMCIA - Type II/Type I card slot with CardBus support
One ExpressCard® /34 slot
One Secure Digital (SD™ memory card) media slot

Audio

Sound System: Intel® High Definition Audio
Speakers (Total): 2 x 3 Watt stereo speakers + 5 Watt subwoofer

Display

Screen Size: 22"[6]
Resolution: 1680×1050
XBRITE-HiColor™ Technology: Yes
Technology: WSXGA+

Graphics

Processor: NVIDIA® GeForce® 8400M GT GPU with Total Available Graphics Memory of 1535MB (max.)[10]
Video RAM: 256MB dedicated video RAM
Chipset: Mobile Intel® PM965 Express Chipset
TV Tuner: Yes - Internal (NTSC/ATSC Support)[19]

Inputs and Outputs

Audio In: 1 (Line In)
Ethernet Port: 1
Headphone Jack: 1
i.LINK® Interface: 1 4-pin interface[9]
Infrared Port: 1
Modem Jack: 1
Microphone Input: 1
RF Connection Input(s): 2
S-Video Input(s): 1
USB Port(s): 5 (2.0 compliant)
DC-In: 1
Audio/Video Input(s): 1: Mini Jack
S/PDIF Output(s): 1

Networking/Modem

Ethernet Protocol: 10Base-T/100Base-TX/1000Base-T
Ethernet Speed: Fast Ethernet (RJ-45)
Modem Type: V.92/V.90 compatible data/fax modem (RJ-11)
Wireless LAN: Intel® PRO/Wireless 4965AGN Network Connection (802.11a/b/g/n)[3]

Power

Power Requirements: 168W+10%
Input Voltage: 100-240V

Software

Operating System: Genuine Microsoft® Windows Vista® Home Premium with SP1
Internet Services: AOL® 90-Day Risk Free Trial - For new users only
Supplied Software: Microsoft® Works SE 9.0 w/ 60-Day Trial Version of Microsoft® Office Home and Student 2007[13]
Security and Anti-Virus Software: Microsoft® Windows Live™ OneCare™ Trial Version
The VAIO® Software Experience: VAIO® Startup Assistant
Click to Disc™ Editor - Import, Edit, Burn
VAIO® Movie Story - Simple Movie Creation
VAIO® MusicBox - Music by Mood
VAIO® Media plus - Multimedia Streaming Software
*Please access VAIO® Help and Support from your PC for a complete list of software and trial applications.

Service and Warranty Information

Limited Warranty: 1 year limited warranty[11]. See actual warranty for details.
Telephone Support: 1 year toll-free technical telephone assistance, available 24/7[12].
Online and Email Support: Support available from http://www.esupport.sony.com/EN/VAIO

Environmental Information

EPEAT™ : Meets Silver EPEAT™ Rating
RoHS®: Compliant
For more information: www.sony.com/vaioeco

Regulation and Standard Compliance

Energy Star® Compliant: 4.0

Dimensions

Weight: 22.7 lbs.[7] (CPU and Display only)
Measurements: 25.3"(W) x 16.5"(H) x 7"(D)[7,8] (CPU and Display only)

Supplied Accessories

AC Adapter (VGP-AC19V17)
Remote Control (2 batteries)
Wireless Keyboard (4 batteries)
Wireless Mouse (2 batteries)
8cm Disc Adapter
F-type RF Cable
IR Blaster

Color: Silver
UPC Code: 027242742536

1. GHz denotes microprocessor internal clock speed; other factors may affect application performance. CPU speed will be reduced under certain operating conditions.
2. GB means one billion bytes when referring to hard drive capacity. Accessible capacity may vary. A portion of hard disk space is reserved as a recovery partition.
3. Requires 802.11n compatible access point. Some functionality may require Internet services, which may require a fee.
4. Broadband Internet service required along with third party services which may require a subscription or other service fee.
5. Blu-ray Disc™ Media/Formats are not universally compatible.
6. Viewable area measured diagonally.
7. Non-metric weights and measures are approximate and may vary.
8. Measured at the narrowest point
9. i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connector. All products with an i.LINK connector may not communicate with each other.
10. Total Available Graphics Memory refers to the new Windows Vista® classification of graphics memory, which is the total of Dedicated Video Memory, System Video Memory and Shared System Memory. Shared System Memory varies depending on the operating condition, driver software version and system memory size.
11. See actual limited warranty for details. For a copy of Sony's warranty, please visit www.esupport.sony.com, call toll-free 888-476-6972 (888-4SONYPC), or write to Sony Electronics, 12451 Gateway Boulevard, Fort Myers, FL 33913.
12. For certain third party software applications, Sony provides first level phone support. Additional telephone support may be available from the applicable 3rd party vendor. Availability and schedule for any such support is determined by the applicable software vendor.
13. 60-Day Trial Version of Microsoft® Office 2007 - This trial software will work only for 60 days after you first use it. You will not be able to use the software if you do not activate it as described the first time you use the software. You can activate the software by Internet: Internet service charges may apply. If you want to keep using the software after the 60-day trial period, you must convert to the perpetual version. You can convert online by following the conversion instructions presented during setup and paying the required fees.
14. A portion of the system memory over 3GB may not be available to the operating system.
15. Certain circumstances may limit/prevent Blu-ray Disc™ media playback. For optimal performance, download all updates from http://esupport.sony.com/EN/DRIVERS.
16. Video recording to Blu-ray Disc™ media is done in MPEG2 and AVC formats only.
17. Requires wall mount bracket sold separately.
18. TB means one trillion bytes when referring to hard drive capacity. Accessible capacity may vary. A portion of hard disk space is reserved as a recovery partition.
19. The digital TV tuner supports a CableCARD™ removable security module. Contact your cable operator to receive a CableCARD compatible with your operator's network (additional charges may apply). Not all functions that are available when using a set-top box provided by your cable operator will be available by CableCARD™ (e.g. video-on-demand and pay-per-view fuctionality may not be supported).

Computer Interface: For this product,there are a multitude of varying software packages and add-on hardware options. This product is not manufactured to work with any specific software, and Sony does not and cannot make any warranty or representation with respect to the performance of this product with any particular software packages and/or non-Sony add-on hardware options except those mentioned here. Sony hereby disclaims any representations or warranties that this product is compatible with any combination of non-Sony products you may choose to connect to it. While Sony representatives or Sony authorized dealers may be able to assist you and may make recommendations, they are NOT authorized to vary or waive this disclaimer. Purchasers must determine for themselves the suitability and compatibility of the hardware and software in each and every particular instance. Software titles pre-installed on the Sony computer are subject to change without notice. Preinstalled software may not be identical to retail versions or have all documentation. Features and specifications are subject to change without notice. This product meets the standards of the International Energy Star Program for energy efficiency.
Lamp in this product contains mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance (www.eiae.org).
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Printed 04/08.